FIGURE 1

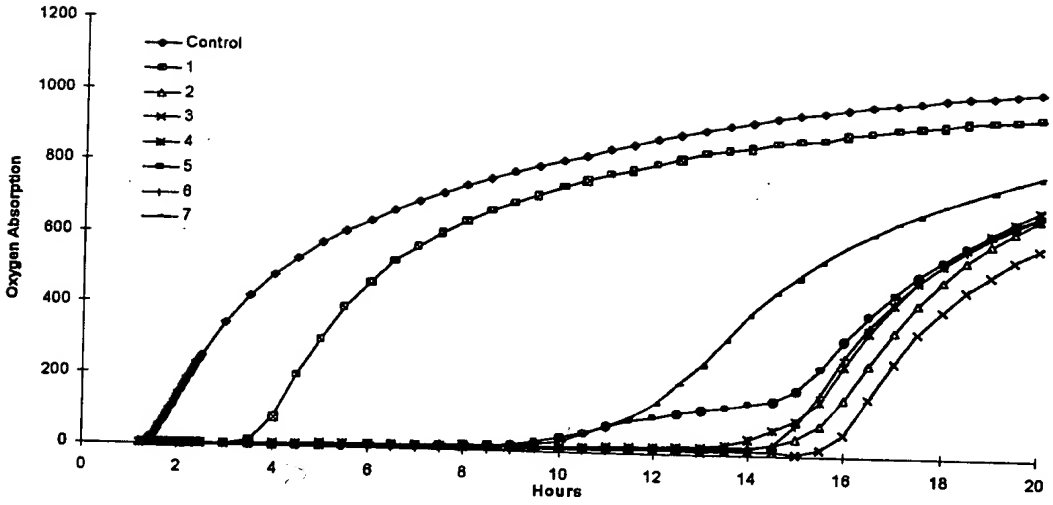


FIGURE 2

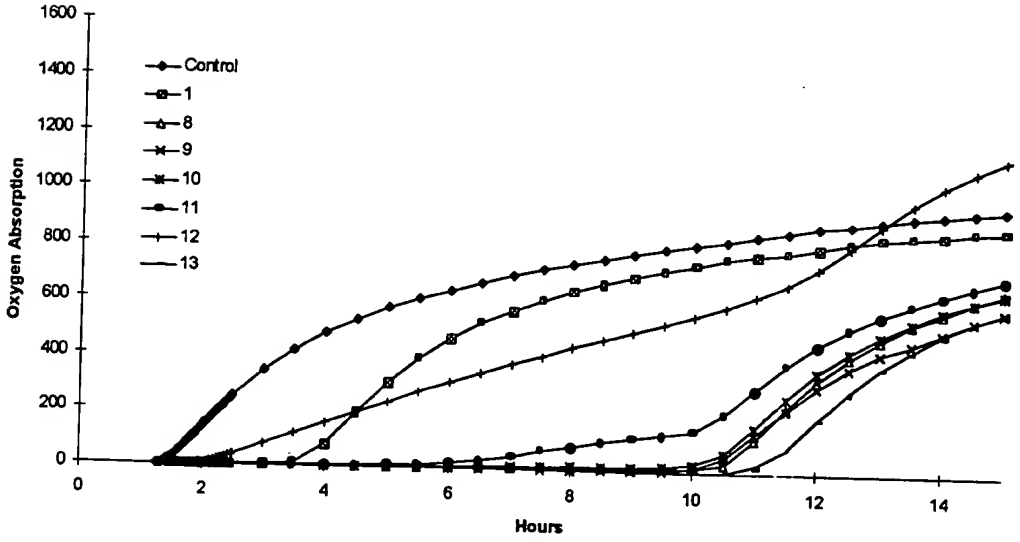


FIGURE 3

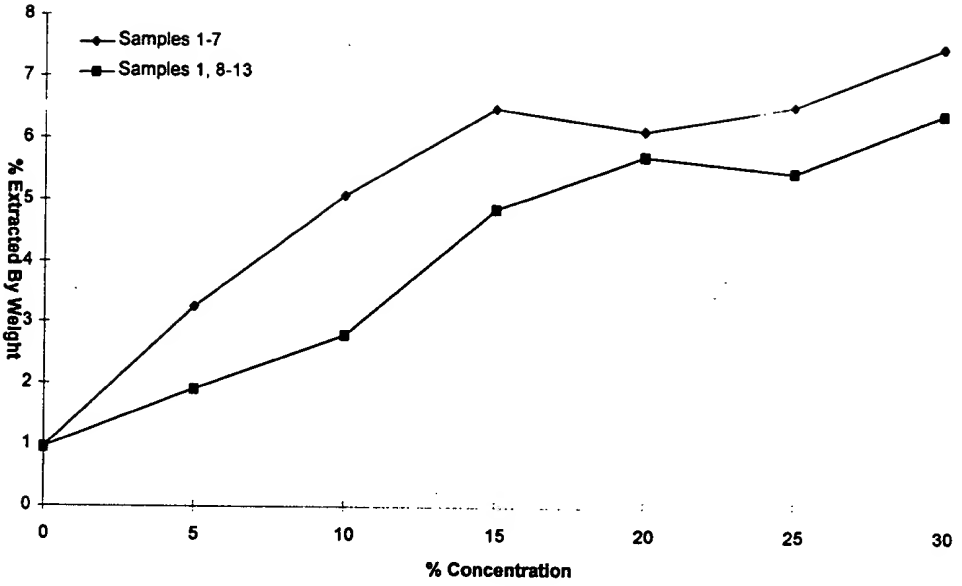


FIGURE 4

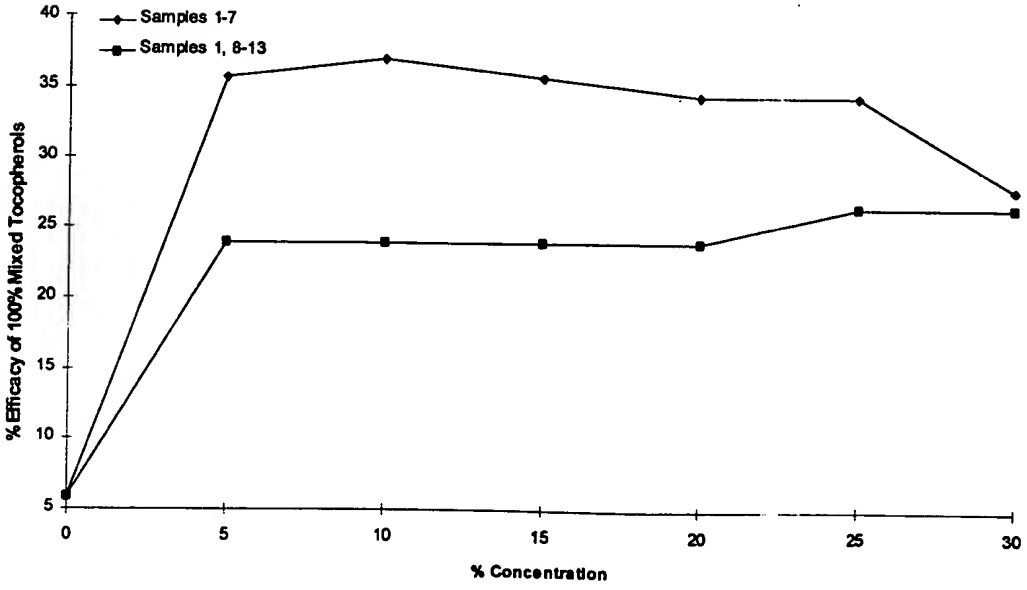


FIGURE 5

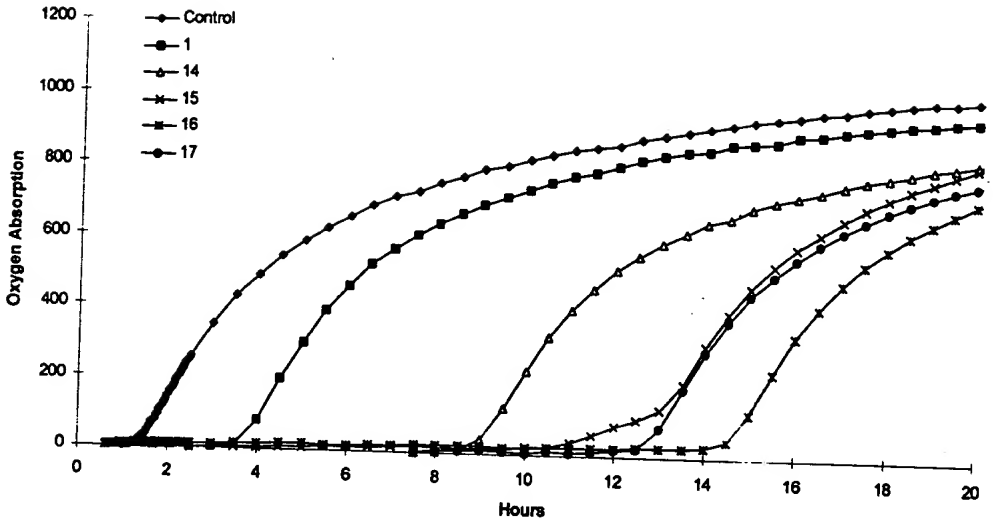


FIGURE 6

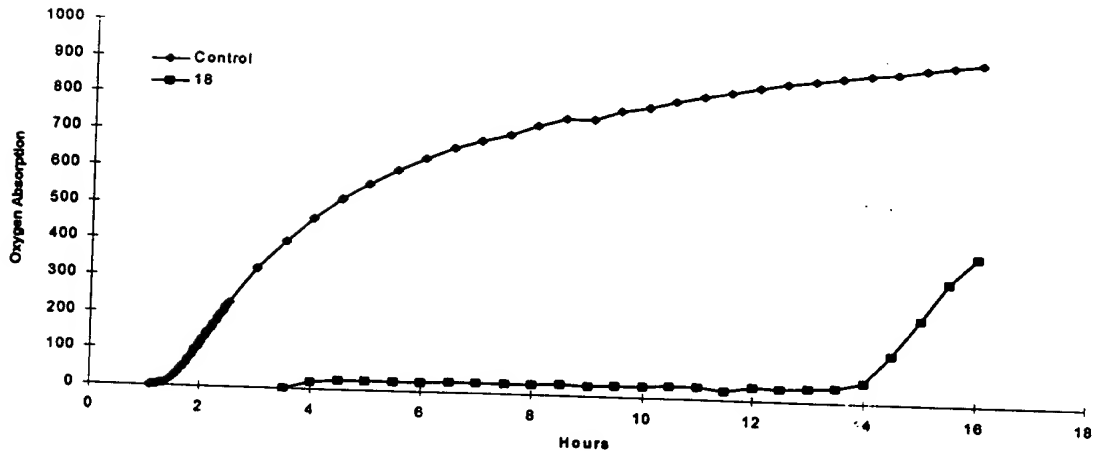


FIGURE 7

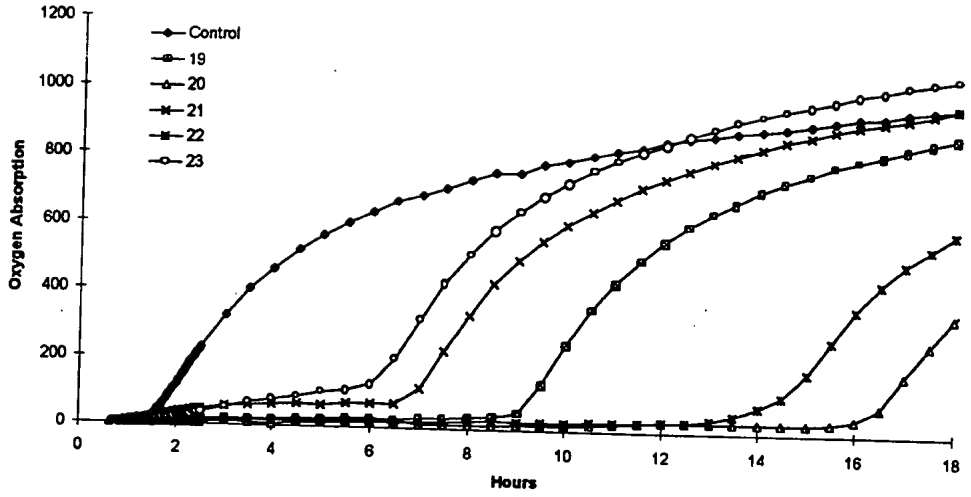


FIGURE 8

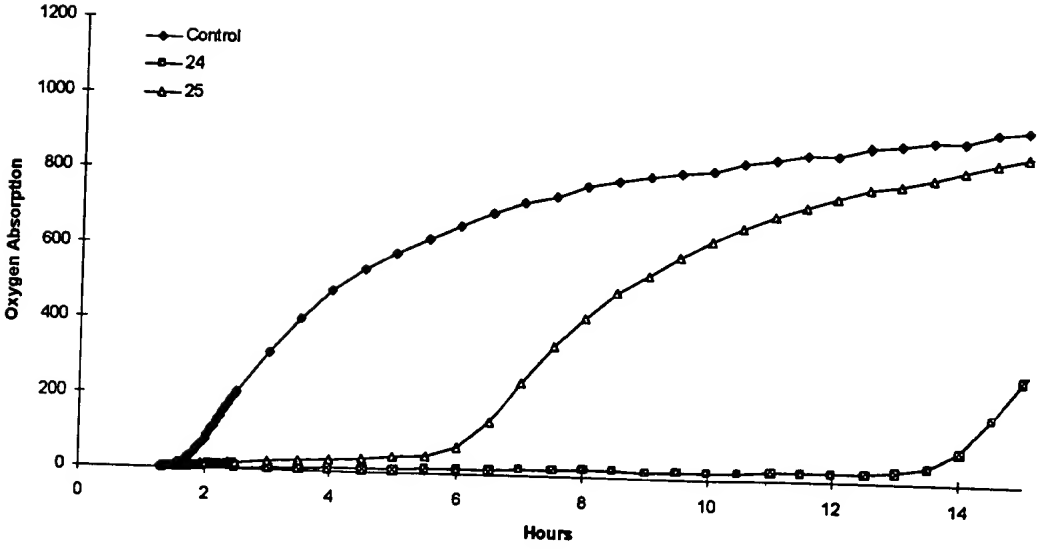


FIGURE 9

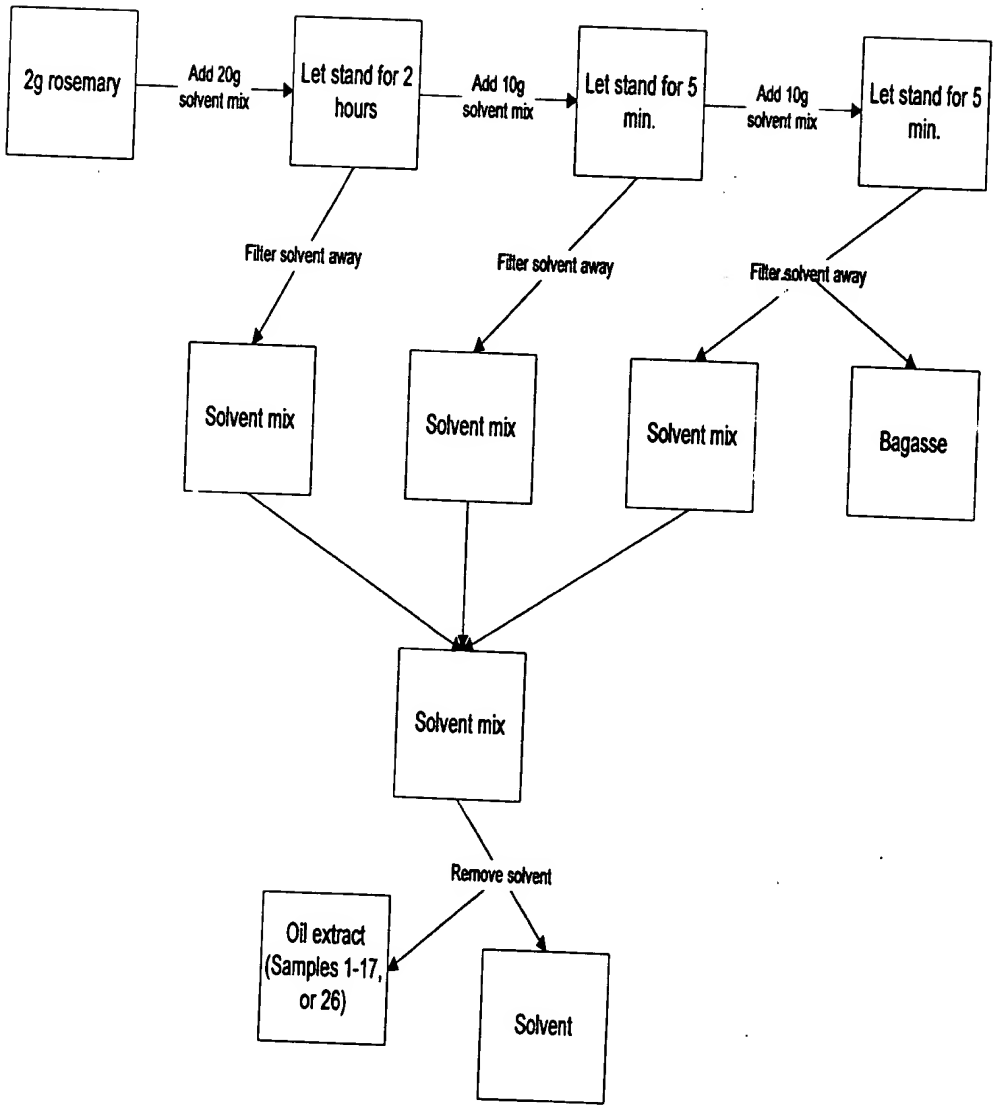

2g rosemary
Add 20g solvent mix
Let stand for 2 hours
Add 10g solvent mix
Let stand for 5 min.
Add 10g solvent mix
Let stand for 5 min.
Filter solvent away
Filter solvent away
Filter solvent away
Solvent mix
Solvent mix
Solvent mix
Bagasse
Solvent mix
Remove solvent
Oil extract (Samples 1-17, or 26)
Solvent

FIGURE 10

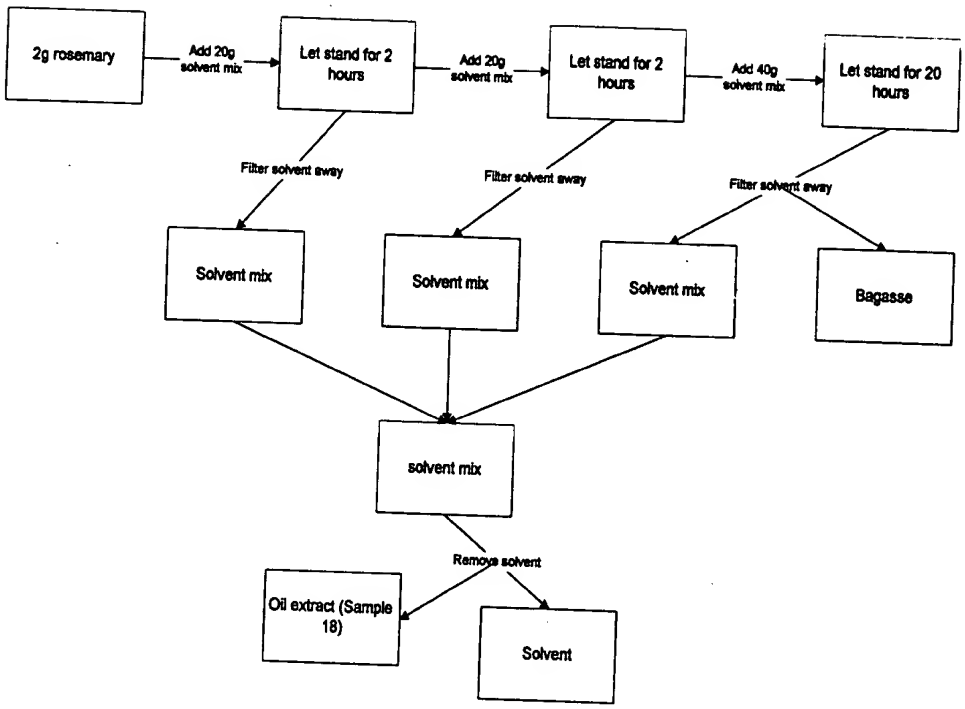

2g rosemary
Add 20g solvent mix
Let stand for 2 hours
Add 20g solvent mix
Let stand for 2 hours
Add 40g solvent mix
Let stand for 20 hours
Filter solvent away
Filter solvent away
Filter solvent away
Solvent mix
Solvent mix
Solvent mix
Bagasse
solvent mix
Remove solvent
Oil extract (Sample 18)
Solvent

FIGURE 11

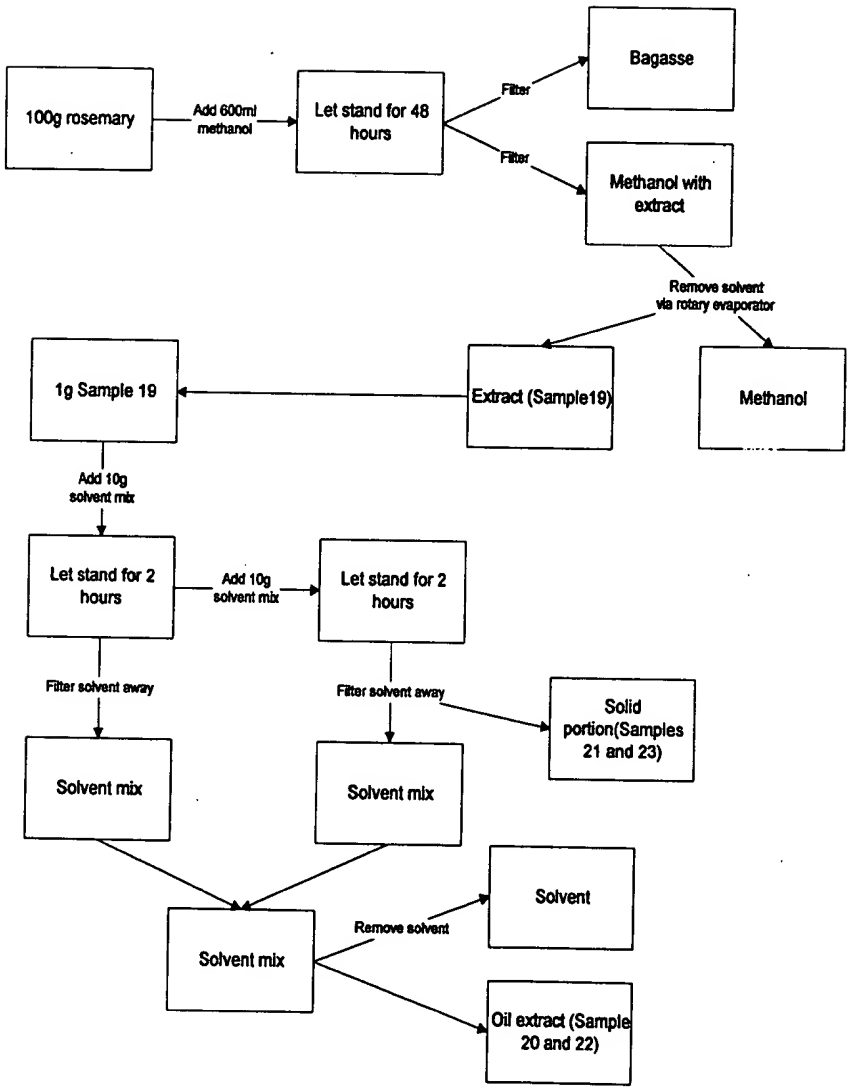
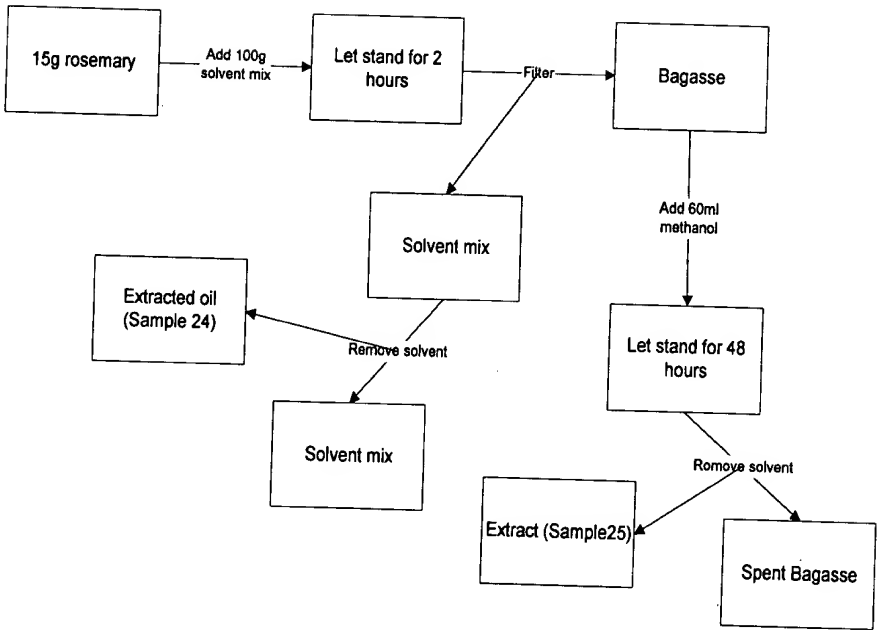

100g rosemary
Add 600ml methanol
Let stand for 48 hours
Filter
Bagasse
Filter
Methanol with extract
Remove solvent via rotary evaporator
Extract (Sample19)
Methanol
1g Sample 19
Add 10g solvent mix
Let stand for 2 hours
Add 10g solvent mix
Let stand for 2 hours
Filter solvent away
Filter solvent away
Solid portion(Samples 21 and 23)
Solvent mix
Solvent mix
Solvent mix
Remove solvent
Solvent
Oil extract (Sample 20 and 22)

FIGURE 12


15g rosemary
Add 100g solvent mix
Let stand for 2 hours
Filter
Bagasse
Solvent mix
Add 60ml methanol
Extracted oil (Sample 24)
Remove solvent
Let stand for 48 hours
Solvent mix
Romove solvent
Extract (Sample25)
Spent Bagasse